

Application No. 09/682,421  
Amendment dated August 24, 2005  
Reply to Office Action of June 1, 2005

**Amendments to the Specification:**

Please replace paragraph [0036] beginning at page 9, line 6, with the following rewritten paragraph:

--Referring to FIGS. 4 and 9, once the precordial central terminal signal is generated 104, the precordial central terminal signal is subtracted 106 from each one of the signals acquired from the electrodes 18 positioned on the patient's chest in order to generate 108 the precordial leads. For example, precordial leads V1 and V5 are generated according to the following equations:  $V1 = eV1 \text{ PCT}$  where V1 is the V1 precordial lead, eV1 is the signal acquired from the eV1 electrode, and PCT is the precordial central terminal signal; and  $V5 = eV5 \text{ PCT}$  where V5 is the V5 precordial lead, eV5 is the signal acquired from the eV5 electrode, and PCT is the precordial central terminal signal.--